

Patent [19]

[11] Patent Number: 2000042093

[45] Date of Patent: Feb. 15, 2000

[54] DEODORANT MATERIAL, DEODORIZATION FILTER AND AIR CONDITIONING UNIT FOR VEHICLE

[21] Appl. No.: 10226491 JP10226491 JP

[22] Filed: Jul. 27, 1998

[51] Int. Cl.⁷ A61L00901 ; A61L00900; B01J03502; F24F01328**[57] ABSTRACT****PROBLEM TO BE SOLVED:** To improve the deodorization capability of an air conditioning unit.

SOLUTION: A deodorization filter F is formed by adhering the deodorant material formed by mixing the respective particles of an adsorbent material which adsorbs odorous materials, a photocatalyst which is excited by light to crack the odorous materials and a light storage material which stores the energy of the light from outside and excites the photocatalyst by emitting light so as to coexist, to a filter base material. This deodorization filter F and a UV lamp 18 are installed to the front stage of an evaporator 16 within an air conditioning duct 11 of the air conditioning unit M for vehicles.

* * * * *